

Repair Switch 4-pole, 20A, IP65, lockable

Version Repairswitch, Rated current 20A, Poles 4, IP Rating IP65 (housing), IP20 (terminals), Neutral conductor contacts Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)



Technical Data

Version	Repairswitch
Rated current (A)	20
Poles	4
Mounting	surface mounting
Standard	IEC 60947, EN 60947, VDE 0660
Rated insulation voltage [Ui] (V)	690
Rated impulse withstand voltage [Uimp] (V)	6000
Rated short-time withstand current Icw	500
Rated conditional short-circuit-current	10kA @ 440V / 6kA @ 690V
Short-circuit protection maximum fuse	50
Frequency (Hz)	50/60

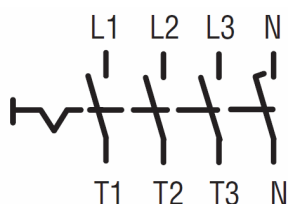
Technical Data - continued

Operating Current	AC-3 - 690V - 7A AC-22A - 690V - 20A AC-23A - 230V - 11A AC-3 - 400V - 7A AC-23A - 690V - 9A AC-21A - 690V - 20A AC-23A - 400V - 16A AC-3 - 230V - 11A
Switching Capacity	AC-23A - 230V - 3kW AC-3 - 230V - 3kW AC-23A - 690V - 7.5kW AC-3 - 400V - 5.5kW AC-23A - 400V - 7.5kW AC-3 - 690V - 5.5kW
According to UL 508 / CSA	
Connection type	UL/CSA - AWG 14-6
Operating voltage AC (V)	600
Thermal rated continuous current (A)	20
Active Power	3x240VAC - 3Hp 3x480VAC - 7.5Hp 3x600VAC - 10Hp 1x120VAC - 0.5Hp 1x240VAC - 1.5Hp 3x120VAC - 1Hp
Connections	
Conventional thermal current I _{th} (A)	20
Tightening torque (Nm)	3
Connection cross-section, multi-wire (mm ²)	2,5-16
Connection cross section, single wire (mm ²)	2,5-16
Connection cross-section, flexible wire with ferrule (mm ²)	2,5-16
Retrofit contacts	
Auxiliary contacts	Maximum 2x INSHK001 -- permitted. 1x INSHK001 -- can be snapped on to the left side of the main contact and 1x INSHK001 -- to the right side of the main contact. Maximum configuration 2x NC contact / 2x NO contact. The switching behavior is the same regardless of whether the auxiliary contact is snapped on to the left or right side of the main contact.
Neutral conductor contacts	Neutral conductor early-make, late-break design (closes before and opens after the phase conductors to prevent voltage displacement)
Operating temperature	-25°C to +55°C
Mechanical durability	100000 switching cycles
Power loss per pole (W)	0,40
Protection against direct contact	finger-proof and back-of-hand-proof according to VDE 0106 Part 100
IP Rating	IP65 (housing), IP20 (terminals)

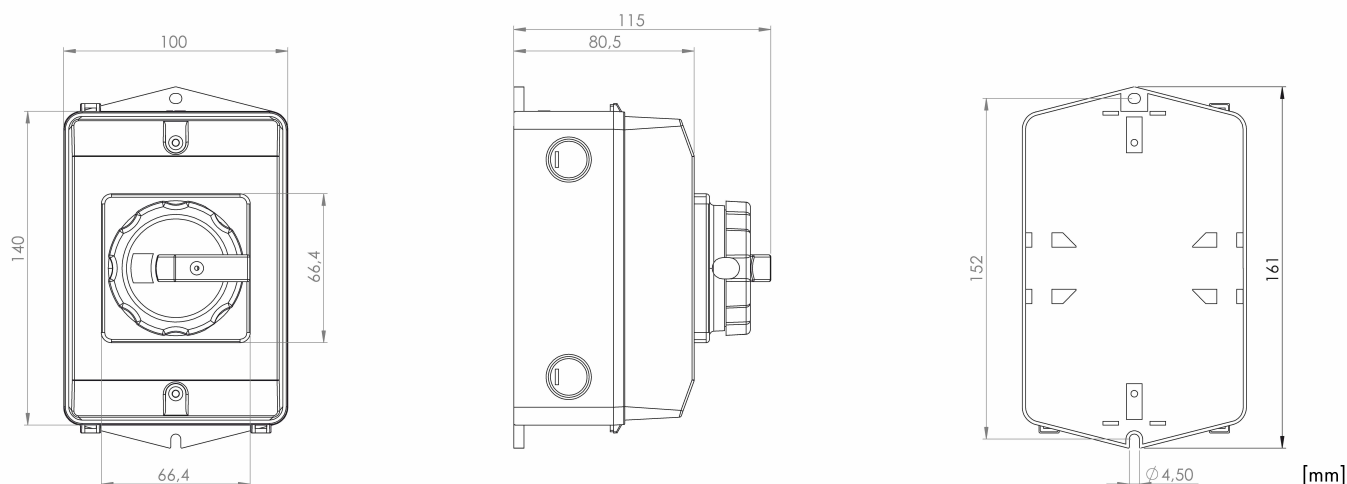
Technical Data - continued

Lockable	With 3 locks, each with a shackle lock diameter of 4-8 mm
Net length (mm)	115,00
Net width (mm)	100,00
Net height (mm)	140,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	55

Schaltbild INSP1420--

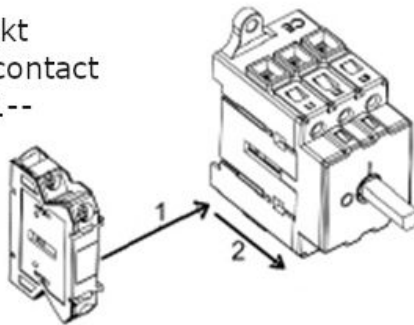


Maßbild INSP1420--



Montageanleitung INSHK Hilfskontakte

Hilfskontakt
Auxiliary contact
INSHK001--



Article Table

DESCRIPTION	Order No.
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Optional Accessories	
Auxiliary Contact 1NO/1NC for INSR, INSP and INSA	
Nicht für INSE zu verwenden, Version accessories, IP Rating IP20 (terminals)	INSHK001